

IN THE CLAIMS:

Claims 1-7 have been previously cancelled. Claim 8 has been amended. Claim 13 is new.

No new matter has been introduced.

1 – 7 (Cancelled)

8. (Currently Amended) A speaker array system comprising:

N driving circuits, N being an integer equal to or greater than 4; and

a plurality of N speakers arranged in an array, each of the N speakers ~~[[being]] making up plural pairs of speakers, each pair of speakers comprising a first speaker [[or]] and a second speaker in pairs of speakers,~~ each first speaker being positioned adjacent to the second speaker in the pairs of speakers, each of the N speakers having two terminals, one of the two terminals being coupled to a corresponding one of the N driving circuits and the other of the two terminals being connected together so that N + 1 wirings are utilized in the speaker array system, wherein in each pair of speakers, the one terminals coupled to the driving circuits have opposite polarity, and the first speaker receives a first driving signal at the one terminal from the corresponding one of the N driving circuits and outputs a first current signal at the other terminal, and the second speaker receives a second driving signal, having an inverse phase and a predetermined delay relative to the first driving signal, at the one terminal from the corresponding one of the N driving circuits and outputs a second current signal at the other terminal so that a magnitude of a sum of the first current signal and the second current signal is determined by a magnitude of the predetermined delay.

9. (Previously Presented) The speaker array system according to claim 8, wherein the predetermined delay is used to cause an acoustic lens effect.

10. (Previously Presented) The speaker array system according to claim 8, wherein the inverse phase is provided by an inverting amplifier.

11. (Previously Presented) The speaker array system according to claim 8, wherein the array is a two dimensional array.

12. (Previously Presented) The speaker array system according to claim 8, wherein the others of the two terminals connected together are connected to ground.

13. (New) A speaker array system comprising:

a two-dimensional speaker array comprising a plurality of N speakers, N being an integer equal to or greater than 4, each of the N speakers including a signal input terminal and a common terminal;

a plurality of N driving circuits which drive the N speakers by driving signals, respectively;

N wirings which connect the signal input terminals of the N speakers to outputs of the plurality of N driving circuits, respectively;

a single common wiring which connects the common terminals of the N speakers together;

a plurality of N input terminals connected to the N driving circuits to supply input signals to the N driving circuits, respectively; and

a plurality of inverters for inverting a signal, which inverters are alternately disposed between the N driving circuits and the N input terminals in such a manner that a speaker of the N speakers which is connected to the inverter through the driving circuit is arranged physically adjacent to a speaker of the N speakers which is not connected to the inverter through the driving circuit,

wherein the input signals which have same components, and to which predetermined delays are given, are input to the input terminals, respectively, so that a magnitude of a difference between the driving signals in the adjacent speakers is determined by a magnitude of the predetermined delay.

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